

Title (en)
SUCTION DEVICE WITH A CLOSURE FOR A BATTERY UNIT RECEIVING AREA

Title (de)
SAUGGERÄT MIT VERSCHLUSS FÜR BATTERIEEINHEIT-AUFNAHME

Title (fr)
DISPOSITIF D'ASPIRATION COMPRENANT UNE FERMETURE POUR UNE ZONE DE RÉCEPTION D'UNITÉ DE BATTERIE

Publication
EP 4258966 A1 20231018 (DE)

Application
EP 21811281 A 20211110

Priority
• DE 102020132583 A 20201208
• EP 2021081273 W 20211110

Abstract (en)
[origin: WO2022122287A1] The invention relates to a suction device, comprising a device body (12), a fan device (72) for generating a suction flow, a battery device (120) with at least one battery unit (122) for providing electric energy, and at least one receiving area (126) for a battery unit (122) which is arranged on the device body (12). The aim of the invention is to provide such a suction device which can be operated in a simple manner. According to the invention, this is achieved in that the at least one receiving area (126) has a chamber (380); the chamber (380) is equipped with a movable closure (398), wherein the closure (398) has a first position (408), in which the chamber (380) is closed by the closure (398), and a second position (410) when the battery unit (122) is positioned on the at least one receiving area (126) so as to be electrically operational; and the closure (398) is arranged and designed such that when the battery unit (122) is removed from the at least one receiving area (126), the closure (398) is automatically converted from the second position (410) into the first position (408), and when the battery unit (122) is inserted into the at least one receiving area (126), the closure (398) is automatically converted from the first position (408) into the second position (410).

IPC 8 full level
A47L 9/28 (2006.01); **A47L 5/36** (2006.01); **A47L 9/12** (2006.01)

CPC (source: EP)
A47L 5/365 (2013.01); **A47L 9/12** (2013.01); **A47L 9/2857** (2013.01); **A47L 9/2878** (2013.01); **A47L 9/2884** (2013.01); **Y02E 60/10** (2013.01)

Citation (search report)
See references of WO 2022122287A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
WO 2022122287 A1 20220616; CN 116634910 A 20230822; DE 102020132583 A1 20220609; EP 4258966 A1 20231018

DOCDB simple family (application)
EP 2021081273 W 20211110; CN 202180078641 A 20211110; DE 102020132583 A 20201208; EP 21811281 A 20211110